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Db 541 AATCCCTCAGCCTCCTCTCTCCTCCTGCTGTGATGAGTGTGCAACACAGAGACC 600
QY 842 TCATCCCACTCCAGGAGTGTGAGGCCCCCAAGCTGGGCGGGGAGGCGCCAGCTGCTCT 901
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QY 902 TTCTGAGACTCTTTCAGGAGGAGGATACATGTCAGGCGCGGACCAAGTGGGCTGGGCG 961
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Db 4081 TGGAAATTTAGGATAGAATATTATTAATTAAGATTTTACAAATAA 4126

RESULT 2

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; GENERAL INFORMATION:

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; TITLE OF INVENTION: NOVEL HUMAN ION CHANNEL AND TRANSPORTER FAMILY MEMBERS

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RESULT 4
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; GENERAL INFORMATION:
; APPLICANT: Cirtis, Rory A.J.
; APPLICANT: Silos-Santiago, Immaculada
; APPLICANT: Gu, Wei
; TITLE OF INVENTION: NOVEL HUMAN ION CHANNEL AND TRANSPORTER FAMILY MEMBERS
; FILE REFERENCE: 10448-190001
; CURRENT APPLICATION NUMBER: US/10/162,102
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/209,845
; PRIOR FILING DATE: 2000-06-06
; PRIOR APPLICATION NUMBER: US 09/875,321
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: PCT/US01/18340
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/209,257
; PRIOR FILING DATE: 2000-06-05
; PRIOR APPLICATION NUMBER: US 09/875,423
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: PCT/US01/18398
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: US 60/209,238
; PRIOR FILING DATE: 2000-06-05
; PRIOR APPLICATION NUMBER: US 09/875,363
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: PCT/US01/18247
; PRIOR FILING DATE: 2001-06-05

; PRIOR APPLICATION NUMBER: US 60/227,068
; PRIOR FILING DATE: 2000-08-22
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 4385
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (174)...(1859)
US-10-162-102-43

Query Match 91.7%; Score 4029; DB 16; Length 4385;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 4089; Conservative 0; Mismatches 40; Indels 6; Gaps 3;
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; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136458
; LENGTH: 530
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-136458

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Best Local Similarity 99.8%; Pred. No. 1.6e-113;
Matches 529; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome

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; FILE REFERENCE: 108927.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
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; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136458
; LENGTH: 530
; TYPE: DNA
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US-10-027-632-136458

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Query Match      12.1%; Score 529.6; DB 16; Length 530;
Best Local Similarity 99.8%; Pred. No. 1.6e-113;
Matches 529; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 3298 AGGACTCTGGCCTCTCGAGTCTCTCTATCTCTCCATCTAGATGCTTCCCTTGTATCCA 3357
DB 241 AGGACTCTGGCCTCTCGAGTCTCTCTATCTCTCCATCTAGATGCTTCCCTTGTATCCA 300

QY 3358 GTGATGCTGAGCTGGCTTTGGCCAAAGCTTTGTGAGAGCTGGTGTCTACATTTTCAGGAT 3417
DB 301 GTGATGCTGAGCTGGCTTTGGCCAAAGCTTTGTGAGAGCTGGTGTCTACATTTTCAGGAT 360

QY 3418 TTTTACAAGTTGGTAAACACAGCCATTATAAAAAATTAATGAATTAATTTAATTTAA 3477
DB 361 TTTTACAAGTTGGTAAACACAGCCATTATAAAAAATTAATGAATTAATTTAATTTAA 420

QY 3478 GTAAATTTACATTTAAACAAAAAAATTTACTCATAATTTACTTAAATTTTACTACCTG 3537
DB 421 GTAAATTTACATTTAAACAAAAAAATTTACTCATAATTTACTTAAATTTTACTACCTG 480

QY 3538 TTACTATTATCTGTGCTTTTGGAGCTATTTTCTACATAGTAATCTTTATGG 3587
DB 481 TTACTATTATCTGTGCTTTTGGAGCTATTTTCTACATAGTAATCTTTATGG 530

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RESULT 14
US-10-029-386-775/c
; Sequence 775, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.

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APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: AEMICA-X-2 EXPRESSION ANALYSIS TWO
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 775
LENGTH: 593
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO ALL33520.2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.5
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
OTHER INFORMATION: SWISSPROT HIT: P27546, EVALUE 3.00e-01
OTHER INFORMATION: EST HUMAN HIT: B1824797.1, EVALUE 0.00e+00
OTHER INFORMATION: NT HIT: G114786183, EVALUE 0.00e+00
US-10-029-386-775

Query Match 12.0%; Score 527.2; DB 15; Length 593;
Best Local Similarity 98.5%; Pred. No. 6.3e-113;
Matches 532; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 1014 CACATCTTCAGCTCCGTTGGTTTCCATGGGGGATCCTCAGCGGTGCTGGCTCTGTGGG 1073
DB 593 CACATCTTCAGCTCCGTTGGTTTCCATGGGGGATCCTCAGCGGTGCTGGCTCTGTGGG 534

QY 1074 GCTTGGCGAGTCAAGTGCACCTACCTGACCGCCATGGGCTGGTGGACGGTCAGG 1133
DB 533 GCTTGGCGAGTCAAGTGCACCTACCTGACCGCCATGGGCTGGTGGACGGTCAGG 474

QY 1134 CCGCAGGGCTCTGTTGCTAGTGGCTGTGCTCTCATGGCCCTGTCTCGTCAAGTGGCATAGG 1193
DB 473 CCGCAGGGCTCTGTTGCTAGTGGCTGTGCTCTCATGGCCCTGTCTCGTCAAGTGGCATAGG 414

QY 1194 CTTGTCAGCTTTCGCTGCCATGACCTCAGCCCAAGCTGTCTGGCTGTGCCCAATGC 1253
DB 413 CTTGTCAGCTTTCGCTGCCATGACCTCAGCCCAAGCTGTCTGGCTGTGCCCAATGC 354

QY 1254 CACCGGCGAGACAGGCTCTCTGGAGACTCTGGCTGTGCGAGGACTCTCTACCTCC 1313
DB 353 CACCGGCGAGACAGGCTCTCTGGAGACTCTGGCTGTGCGAGGACTCTCTACCTCC 294

QY 1314 CATTCAGGACCAATGAGGACCAAGGGAGCCAACTTTGTCCACTGTGAAGAAACCAA 1373
DB 293 CATTCAGGACCAATGAGGACCAAGGGAGCCAACTTTGTCCACTGTGAAGAAACCAA 234

QY 1374 GCCCATCCAGATCTGGAGACCCCTCAGCCCTCTCGGCTGGCCCTGAGCTGTGCCCT 1433
DB 233 GCCCATCCAGATCTGGAGACCCCTCAGCCCTCTCGGCTGGCCCTGAGCTGTGCCCT 174

QY 1434 CCTGGGCCCCCTCTGCGCGCTCGGGGCGATGCACTGTGCGCTGGACCGCACTGCTGTG 1493
DB 173 CCTGGGCCCCCTCTGCGCGCTCGGGGCGATGCACTGTGCGCTGGACCGCACTGCTGTG 114

QY 1494 CTTGATGCTTTTGTGACGTGCTCTCTCTTTGGGTTGGGCGAGTGAAGCTGTGCTCT 1553
DB 113 CTTGATGCTTTTGTGACGTGCTCTCTCTTTGGGTTGGGCGAGTGAAGCTGTGCTCT 54

RESULT 15

US-09-880-107-850/c
Sequence 850, Application US/09880107
Patent No. US20020142981A1
GENERAL INFORMATION:
APPLICANT: Horne, Darci T.

APPLICANT: Vockley, Joseph G.
APPLICANT: Scherf, Uwe
APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
FILE REFERENCE: 44921-5028-WO
CURRENT APPLICATION NUMBER: US/09/880,107
CURRENT FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: US 60/211,379
PRIOR FILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: US 60/237,054
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 3950
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 850
LENGTH: 528
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Genbank Accession No. US20020142981A1 AA404352
US-09-880-107-850

Query Match 12.0%; Score 526.4; DB 9; Length 528;
Best Local Similarity 99.8%; Pred. No. 8.9e-113;
Matches 527; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3865 TTGAACACTGTATCCCTGTTTCAGCTGACAGCTGCTCAATCATTTAAGAGGAGTCTTGA 3924
DB 528 TTGAACACTGTATCCCTGTTTCAGCTGACAGCTGCTCAATCATTTAAGAGGAGTCTTGA 469

QY 3925 CATTCAATTTTCATTTGTTTACTTTTCTCTCTCCTCAGTGTAAACAAAAATTTCAACCA 3984
DB 468 CATTCAATTTTCATTTGTTTACTTTTCTCTCTCCTCAGTGTAAACAAAAATTTCAACCA 409

QY 3985 GCATTCATGCCAGCTATACCCATTTCTCAGTGCCTAGCTGACGTATTCAGGGATT 4044
DB 408 GCATTCATGCCAGCTATACCCATTTCTCAGTGCCTAGCTGACGTATTCAGGGATT 349

QY 4045 TTATTCGTAGTCTAAATTTTGTCAATCATGCGCCAAATCGCAGTGTGACTTTGGAT 4104
DB 348 TTATTCGTAGTCTAAATTTTGTCAATCATGCGCCAAATCGCAGTGTGACTTTGGAT 289

QY 4105 ACAAGGTTTGGCAAAAAAATAATTAACAAAAATTTCTGTAAAGATCAATTCGCTATA 4164
DB 288 ACAAGGTTTGGCAAAAAAATAATTAACAAAAATTTCTGTAAAGATCAATTCGCTATA 229

QY 4165 TGGAAATTTAGGATTAAGAAATTTTACAAATAAGAAATTTTACAAATAAGAAATTTTATT 4224
DB 228 TGGAAATTTAGGATTAAGAAATTTTACAAATAAGAAATTTTACAAATAAGAAATTTTATT 169

QY 4225 ATTTGTAAGTTGTGTGCAACAAACATACCCCTTTATCTCTGTAAATTTTATACACAAAA 4284
DB 168 ATTTGTAAGTTGTGTGCAACAAACATACCCCTTTATCTCTGTAAATTTTATACACAAAA 109

QY 4285 ATTTAACAAAAAGATTTCTGTAAGAAATTAATTCGCTATATGGAATTTAGGATAGAAATTTAC 4344
DB 108 ATTTAACAAAAAGATTTCTGTAAGAAATTAATTCGCTATATGGAATTTAGGATAGAAATTTAC 49

QY 4345 AATTAACAGATTTTACAAATAAGGTTTGTATTATTATTGTAAGAAAAA 4392
DB 48 AATTAACAGATTTTACAAATAAGGTTTGTATTATTATTGTAAGAAAAA 1

Search completed: June 23, 2004, 21:41:17
Job time : 1711 secs